

IN THE SPECIFICATION:

Please amend the specification to have the following paragraphs inserted after paragraph [0011] and before paragraph [0012].

Fig. 8 is a flowchart showing an illustrative method performed by a client-side auto-rediscovery system, according to one example of principles described herein.

Fig. 9 is a flowchart showing an illustrative method performed by a client-side auto-rediscovery system, according to one example of principles described herein.

Fig. 10 is a flowchart showing an illustrative method performed by a client-side auto-rediscovery system, according to one example of principles described herein.

Fig. 11 is a flowchart showing an illustrative method performed by a client-side auto-rediscovery system, according to one example of principles described herein.

Please amend the specification to have the following paragraphs inserted after paragraph [0056] and before paragraph [0057].

Fig. 8 is a flowchart showing an illustrative method (800) performed by a client-side auto-rediscovery system. According to certain illustrative examples, the method (800) includes With a data store associated with a service requesting networked device, storing (block 802) a pairing data that relates the service requesting networked device and a service providing networked device, and with a logic associated with said service requesting networked device, in response to said service requesting device send a service request to said services providing network device, determining (block 804) whether the pairing data should be updated and to update the pairing data if said pairing data is not valid.

Fig. 9 is a flowchart showing an illustrative method (900) performed by a client-side auto-rediscovery system, according to certain illustrative examples, the method (900) includes, with a data store, storing (block 902) an Internet protocol (IP) address and a MAC address associated with a service providing networked device that is configured to provide a service to a requesting networked device, the data store being located in the requesting networked device, with a first logic, in response to a service request made by said requesting networked device, producing (block 904) a uni-cast SNMP GET request for the MAC address of the service providing networked device and to determine whether the IP address and MAC address stored in the data store describe a valid pairing based on a uni-cast SNMP GET RESPONSE message, the first logic being located in the requesting networked device, and with a second logic, selectively producing (block 906) a multicast SNMP GET request for the MAC address of one or more service providing networked devices related to said service request and to selectively update the data store based on one or more uni-cast SNMP GET RESPONSE messages responsive to the multicast SNMP GET request, the second logic being located in the requesting networked device.

Fig. 10 is a flowchart showing an illustrative method (1000) performed by a client-side auto-rediscovery system, according certain illustrative examples, the method (1000) includes storing (block 1002) a pairing data that relates a service requesting networked device and a service providing networked device, performing (block 1004) a unicast based discovery between the service requesting networked device and the service providing networked device in response to a service request made from the service requesting networked device to the service providing networked device, and selectively performing (block 1006) automatic multicast based discovery to rediscover the service providing networked device based on the

unicast based discovery and selectively updating the pairing data based on the multicast based discovery.

Fig. 11 is a flowchart showing an illustrative method (1100) performed by a client-side auto-rediscovery system, according to certain illustrative examples, the method includes determining (block 1102) whether a service request from a first networked device to a second networked device has been made, in response to a service request being made, performing (block 1104) a process that facilitates relating the first networked device and the second networked device by selectively requesting (block 1106) from one or more networked devices a binding data that facilitates uniquely identifying a networked device, receiving (block 1108), in response to requesting the binding data, a message that includes the binding data, and selectively updating (block 1110) a pairing data that relates the first networked device and the second networked device based, at least in part, on the binding data.